

**TRAINING FUTURE TEACHERS OF INFORMATION SCIENCE TO DEVELOP LOGICAL SKILLS** / Vakaliuk Tetiana, Medvedieva Mariia, Karpliuk Svitlana, Shadura Valentyna //

Проблеми та інновації в природничо-математичній, технологічній і професійній освіті: збірник матеріалів VIII-ї Міжнародної науково-практичної онлайн-інтернет конференції, присвяченій 100-річчю від дня народження І. Г. Ткаченка, м. Кропивницький, 05-23 квітня 2019 року / За заг. ред. М. І. Садового. – Кропивницький: РВВ ЦДПУ ім. В. Винниченка, 2019. – 160 с. – С.86-87.

*Zhytomyr Ivan Franko State University*

**Vakaliuk Tetiana**

*PavloTychynaUmanState Pedagogical University*

**Medvedieva Mariia** *ZhytomyrIvanFrankoStateUniversity*

**Karpliuk Svitlana**

*Zhytomyr State Technological University*

**Shadura Valentyna**

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The application and development of modern technologies in all spheres of social life in Ukraine causes the increase of educational branch role for training and educating the young generation. Moreover, the teaching of Information Science and information a communication technology (ICT) to schoolchildren is becoming one of the prior directions at forming the personality of a secondary school (SS) leaver.

The modern stage of society development is featured by the implementation of a new system of education and science of Ukraine. This new system implies the transition of Ukrainian education system to Bologna processes and requires the scientific search of improved methods of teaching and educating the future professionals. Therefore, such methods should combine modern information and communication means and techniques of teaching as well as the personal development of learners. There appears an urgent problem of reforming the national system of education which has to be targeted at informatization, automation and application of the newest technologies of teaching. All mentioned above will provide the future professionals with the latest and the most demanded information; will form the competent personality of a teacher, will encourage the specialists to continuous study and self-fulfillment. Moreover, it will contribute much to their promotion and mobility in the conditions of modern information society.

Fig. 1 demonstrates the scheme of the stages at training future teachers of Information Science to develop logical thinking skills of senior schoolchildren. One can also see the sequence of these stages and its element interconnection. The implementation of this scheme is done step-by-step in accordance with successive execution of each step (see. Fig. 1).

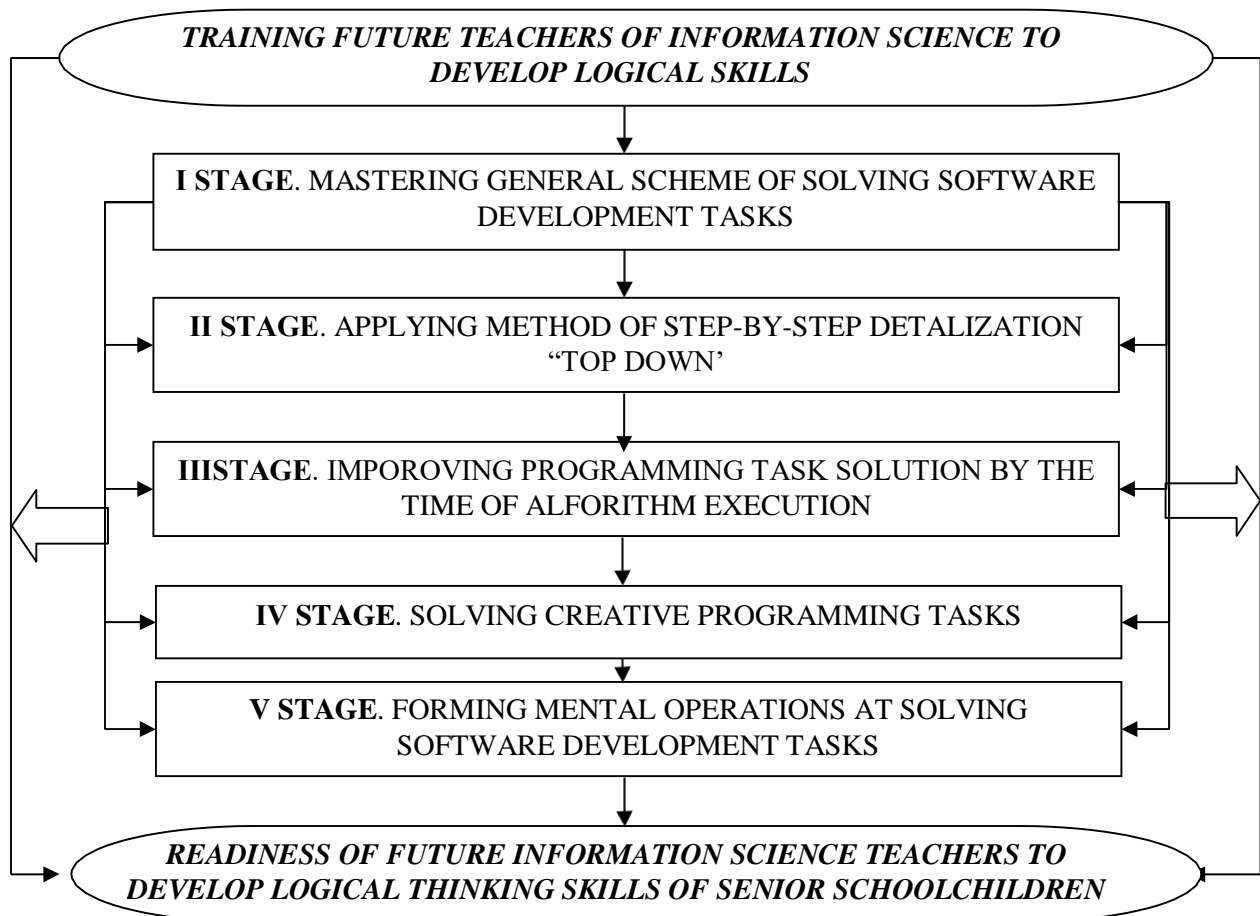


Fig. 1. The stages of training future teachers of Information Science to develop logical thinking of senior schoolchildren

Therefore, the suggested stages of future teachers training to develop logical thinking of senior schoolchildren allow teaching students how to develop logical thinking of children in their professional activity. It also will help to unlock their creativity. Every stage demonstrates forming elements required to develop logical thinking.